

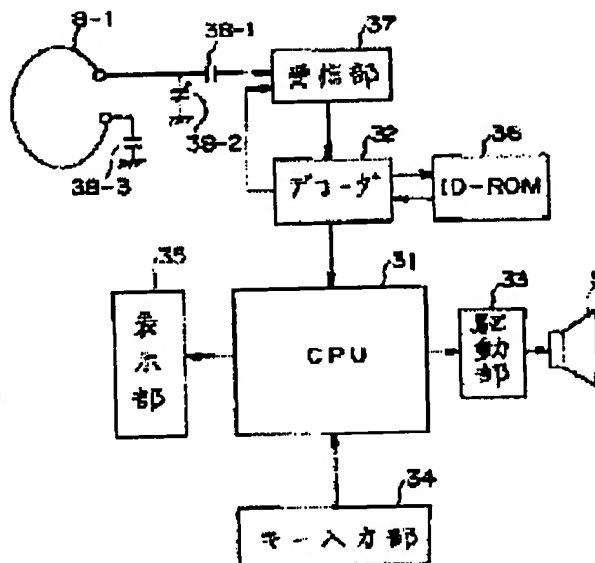
WRIST BAND TYPE LOOP ANTENNA AND WRIST WATCH TYPE RADIO RECEIVER USING THE ANTENNA

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Abstract of JP5276056

PURPOSE: To always and normally receive a radio signal independently of attachment/detachment of the receiver to/from the wrist of the user.

CONSTITUTION: A wrist watch type pager 1 consists of a main body case 2, a liquid crystal display panel 3, a speaker 5, an LED 6, a push button switch 7 and a wrist band 8. The wrist band 8 is made up of an antenna member 8-1 having a proper elasticity (expansion contraction property) and formed to be a spiral spring so as to be easily attached to/detached from an arm (wrist), and up of a rubber elastic member 8-2 coating the entire antenna member 8-1 so as to prevent adhesion of sweat or water caused in life environment and prevent the effect of static electricity and in well matching with the expansion/contraction performance of the antenna member 8-1 at the attachment/detachment. The antenna member 8-1 has proper stiffness and is well fitted to the arm in operation and formed to be a loop similarly to the case with the fitting even when the member 8-1 is not fitted to the arm. Since the antenna member 8-1 forms a loop at all times regardless of the antenna member 8-1 whether it is fitted to the wrist or not, a radio wave is always stably received normally.



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